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Annual Review of 
Collaborative Research Program

National Center for Food Safety and Technology 
Illinois Institute of Technology
2008 Annual Review of Collaborative Research

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IIT Moffett Campus
6502 S. Archer Rd.
Summit-Argo, IL 60501
### TABLE OF CONTENTS

#### 4 Introduction

#### 5 CHEMICAL CONSTITUENTS AND ALLERGENS
- 6 Effects of Processing on Food Allergens
- 12 Cleaning and Validation to Prevent Allergen Cross-Contact
- 24 Furan Levels in Home-prepared Foods
- 30 Use of Migration Models for Indirect Food Additive Approval
- 40 Chemical and Thermal Inactivation of Ricin

#### 44 HEALTH PROMOTING FOODS
- 45 Mechanism of Strawberry Extract-induced Endothelium Dependent Relaxation (EDR)

#### 57 MICROBIOLOGY
- 58 Effect of Solids Levels on the Thermal Resistance of *Listeria* Species
- 63 Thermal Resistance of *Yersinia* Species in Milk and other Liquids Related to Food Composition
- 67 Recovery and Survival of Viruses in Fresh Spinach, Green Onions and Processed Fruits
- 72 Comparative Genomic Analysis of *Listeria monocytogenes* for Survival in Food Processing Environments
- 75 A Systems Approach to Minimize *E. coli* O157:H7 Food Safety Hazards Associated with Fresh- and Fresh-cut Leafy Greens
- 87 Post-Harvest Practices to Enhance the Safety of Fresh Tomatoes
- 93 Genetic Factors Regulating *Salmonella* Stress Response
- 96 The Effect of Temperature History on the Ability of Proteolytic Strains of *Clostridium botulinum* to Produce Toxin in Extended Shelf-life Foods

#### 98 FOOD PROCESSING AND PACKAGING
- 99 Decontamination of Dry Ingredients
- 101 Framework for Setting and Validation of Sterilization and Extended Shelf-life Processes
- 105 Thermal Characterization of Botulinum Neurotoxin using Differential Scanning Calorimetry
- 109 Microwave Pasteurization of Shell Eggs
- 112 Effects of Sanitizers and Processing on Viral and Bacterial Pathogens
- 118 Development of a Model to Estimate UV Light Dose Delivery for Single Tube and Multi-tube Reactors
- 126 Raw Milk Survey for Four Food Pathogens
- 131 Inactivation of *Clostridium Botulinum* Spores Using High Pressure Processing
- 135 Evaluation and Validation of Methods for Decontamination of Food Processing Equipment and Facilities Deliberately Contaminated with *Bacillus* Spores
Introduction

The Annual Review of Research contains reports on collaborative research conducted at the National Center for Food Safety and Technology during the fiscal year 2008 (October 1, 2007 through September 20, 2008).

NCFST was established in 1988 to bring together scientists from industry, academia and the US Food and Drug Administration (FDA) to work collaboratively on food safety issues. The center is a unique food research consortium of FDAs Center for Food Safety and Applied Nutrition, Division of Food Processing, Science and Technology, the Illinois Institute of Technology, and the food industry. The science conducted at the center forms a foundation for regulatory policy and establishes the parameters to ensure the effectiveness of food processing and packaging technologies. Industry benefits from the clearly established criteria for evaluating new processes and from a clearer understanding of how regulatory policy is established. FDA benefits from the scientific contributions of industry, and consumers benefit from improved processing and packaging systems that help assure food safety.

NCFST’s research is implemented through science platforms that reflect the organization's expertise: food processing and packaging, food microbiology, chemical contaminants and allergens, and health promoting foods. The goal of each of these platforms is to manage a research portfolio of projects based on stakeholders' needs. The center is also well placed to facilitate innovation in the food industry through the assessment and validation of new technologies, especially food safety and preservation technologies, aimed at delivering key consumer drivers of safety, health, freshness and convenience. The center's most recently added platform on the science of the health and wellness aspects of foods also promises to add value to its mission.

Going forward, the NCFST seeks to build on its strong foundation and history of the collaboration with industry, FDA and academia to increase its research portfolio and expand its partnership with its stakeholders. By conducting important research on critical food processing issues to address food safety and nutrition, NCFST can help improve the health and well-being of the public.